



TRANSPORT REFRIGERATION UNITS

TRU Brochure #2

What TRU & TRU Generator Set Owners & Operators Need to Know to Comply with the TRU Airborne Toxic Control Measure (ATCM)



Cal/EPA
California Air Resources Board
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<http://www.arb.ca.gov/diesel/tru.htm>

Who is affected?

Owners and operators of in-use diesel-fueled TRUs and TRU gen sets that operate in California, irrespective of whether they are registered in or outside of the State of California are affected. This includes all carriers that transport perishable goods using diesel-powered refrigeration systems on trucks, trailers, shipping containers, and railcars that operate in California.

Facilities located in California with 20 or more loading dock doors serving refrigerated areas where perishable goods are loaded or unloaded for distribution on trucks, trailers, shipping containers, or railcars that are under facility control.



What is the purpose of the regulation?

In February 2004, the California Air Resources Board (ARB) approved the *Airborne Toxic Control Measure for In-Use Diesel-Fueled Transport Refrigeration Units (TRU) and TRU Gen Sets, and Facilities Where TRUs Operate* (TRU ATCM). The TRU ATCM is designed to use a phased approach over about 15 years to reduce the diesel particulate matter (PM) emissions from in-use TRU and TRU gen set engines that operate in California.

What are the basic requirements?

For Facilities...

Applicable facilities were required to submit a one-time report to ARB by Jan. 31, 2006, that provides information about the size and type of facility, and the TRU activity that occurs at the facility. ARB is currently taking enforcement action against facilities that failed to report.

For TRU Owners and Operators...

- TRU and TRU generator set engines that operate in California must meet in-use performance standards that are phased in starting December 31, 2008. See the phased compliance schedule on the next page. This requirement applies to owners and operators of TRUs and TRU generator sets that operate in California, regardless of whether they are registered or based inside or outside of the State.
- Applications for ARB Identification Numbers (IDN) must be submitted to ARB by January 31, 2009 for all TRUs that are based in California. IDNs are voluntary for TRUs and TRU generator sets that are based outside of California.
- Operator reports must be submitted to ARB for all TRUs based in California. The initial Operator Report is due at ARB by January 31, 2009. Operator Report Updates are required if the reported information related to California-based TRUs and TRU generator sets changes.

How Do I Comply with the In-Use Performance Standards of the TRU ATCM?

Staff have provided detailed guidelines in the compliance assistance document titled "How Do I Comply with the TRU ATCM?", which can be downloaded from the TRU website at: www.arb.ca.gov/diesel/tru.htm. See the section titled "Ref.3—In-Use performance Standards."

For More Information...

Please see ARB's TRU website at: www.arb.ca.gov/diesel/tru.htm for more information about verified diesel emission control strategies for TRUs and compliance assistance documents such as:

- *TRU ATCM Status Update*
- *How Do I Comply with the TRU ATCM?*
- *Frequently Asked Questions and Guidelines for Compliance*
- *Final Regulation Order*

TRU owners and operators are strongly urged to sign up for ARB's TRU list serve. Please click on the link for 'TRU List Serve' on the TRU website. Email notices will then be automatically sent to you when there is news related to the TRU ATCM.

Call ARB's TRU Helpline at 1-888-878-2826 (1-888-TRU ATCM) if you have questions.

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TRU AND TRU GENERATOR SET COMPLIANCE DATES

Model Year of Engine	Compliance Date for Low Emission Standard	Compliance Date for Ultra Low Emission Standard
2001 OR OLDER	December 31 2008	December 31, 2015
2002	December 31, 2009	December 31, 2016
2003	N/A	December 31, 2010
FUTURE YEARS	N/A	December 31 of the model year + 7 years

How do I apply for an ARB IDN?

To apply for an IDN, download hardcopy IDN application forms from the TRU website, and mail to ARB, or apply on-line from the TRU website. These forms should be available beginning in the fourth quarter of 2008. See also the compliance assistance document titled "How Do I Comply with the TRU ATCM?". See the section titled "Ref. 5 — ARB I.D. Numbering Requirements."

How do I submit an initial operator report?

To submit an initial operator report, download hardcopy Initial Operator Report forms from the TRU website, and mail to ARB, or submit the report on-line from the TRU website. These forms should be available beginning in the fourth quarter of 2008. See also the compliance assistance document titled "How Do I Comply with the TRU ATCM?". See the section titled "Ref. 4 — Operator Reporting."

Prohibitions you need to know...

Once a compliance deadline passes for a TRU or TRU genset model year, it is illegal to sell, offer for sale, lease, offer for lease, rent, or offer to rent a TRU for use in California that does not meet the in-use performance standards in the ATCM. Owners still have options for dealing with noncompliant TRUs or TRU gensets. See the Prohibitions section of the compliance assistance document titled "How Do I comply with the TRU ATCM?" for more details.

